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Ultrasonic Flow Meter

Description

Transit time ultrasonic meters measure volumetric and energy flow of clean liquids, as well as those with small amounts of suspended solids or aeration, such as surface water or sewage. Ultrasonic waves are transmitted from outside the pipe into the liquid and propagate upstream and downstream. The flow velocity is determined by the difference in the time of flight and is used to calculate the volumetric flow.

Technical Data

LIQUID TYPES	MOST CLEAN LIQUIDS OR LIQUIDS WITH SMALL AMOUNTS OF SUSPENDED SOLIDS
PIPE SIZES	DN 15 UP TO DN 3000
ACCURACY	±1 % OF READING RESP ±0.003 M/S
POWER SUPPLY	AC: 95 – 264 VAC 47 – 63 HZ @ 17 VA MAX. RESP. 20 – 28 VAC 47 – 63 HZ @ 0,35 A MAX.
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AMBIENT CONDITIONS	-40 °C UP TO +85 °C
VELOCITY RANGE	BI DIRECTIONAL 0,03 UP TO 12 M/S
DISPLAY	TWO LINE LCD, LED BACKLIT

Sensors

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